KRAMER

FC-54P
4-Port Multi-Function Serial/IR &
GPIO/Relay PoE Control Gateway

| Ethernet - RJ-45

FC-54P is a multi-function PoE control gateway, capable of plug and play deployment over a customer Ethernet LAN for GPI/O, relay, IR and serial control of customer devices. Multiple control clients can be IP-connected to the FC-54P control gateway for concurrent control of devices such as projectors, displays, DVD players, lights, shades and screens

FEATURES

Dual-Function I/O Ports - Remote IP-based control of any device connected to the control gateway I/O ports, with selectable port configuration to bidirectional RS-232, IR, GPI/O or relay control. Each port is adaptable for any room device control simply by setting a DIP-switch

Multiple IP Connected Clients - Remotely connected over customer Ethernet network, concurrently controlling any devices connected to control gateway universal I/O ports

Easy & Reliable Installation - With single PoE cable for both, powering and connectivity, and Plug and Play IP installation with dynamic (DHCP) address resolution and auto device discovery over customer LAN. Highly-resilient powering with multiple power options — USB, Power over Ethernet per IEEE 802.3af standard, and optional PSU (not included). Compact, designed for piggy-back installation, such as behind a TV or display, with the ability to draw power from device USB port and Ethernet connectivity

Remote Management - Built-in web UI for remote browser-based management and support, by multiple IP-clients over customer LAN. Easy firmware upgrades, either remotely via customer LAN, or locally via device USB port

TECHNICAL SPECIFICATIONS

PORTS:	2 RS−232/IR multi−function ports on 3−pin terminal blocks each selectable as either 1 bidirectional RS−232 (RS−485 port 1 selectable option) serial or 2 IR emitter ports, 2 GPIO/Relay multi−function ports on 3−pin terminal blocks each selectable as either 2 GPI/O or 2 relay ports, 1 LAN on an RJ−45 female connector, 1 built−in IR sensor for IR learning, 1 mini USB connector for local services
SUPPORTED SERIAL PORT BAUD RATES:	1200, 2400, 4800, 9600, 19200, 38400, 57600, 15200bps
RS-232 COMMUNICATION:	Transparent up to 115200bps
IR EMITTER CABLE RANGE:	80m (260ft)
SUPPORTED IR OUTPUT FREQUENCIES:	20kHz to 1.2MHz
SUPPORTED IR INPUT FREQUENCIES:	20kHz to 60kHz
MAXIMUM DATA HANDLING OF DEVICE:	Up to 150kbps (summed on all ports, see Section 7.1)
MAXIMUM SIMULTANEOUS IP-CLIENT CONNECTIONS:	40
POWER CONSUMPTION:	5V DC,350mA
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F)
STORAGE TEMPERATURE:	−40° to +70°C (−40° to 158°F)
HUMIDITY:	10% to 90%, RHL non−condensing
ENCLOSURE TYPE:	Mega Tools size, aluminum
COOLING:	Convection ventilation
VIBRATION:	ISTA 1A in carton (International Safe Transit Association)
SAFETY REGULATORY COMPLIANCE:	CE
ENVIRONMENTAL REGULATOR COMPLIANCE:	Complies with appropriate requirements of RoHs and WEEE
DIMENSIONS:	18.8cm x 11.5cm x 2.5cm (8.5" x 4.7" x 1.0") W, D, H, ½ 19" 1U
WEIGHT:	0.4kg (0.9lbs)
SHIPPING DIMENSIONS:	34.5cm x 16.5cm x 5.2cm (13.6" x 6.5" x 2.0") W. D. H
SHIPPING WEIGHT:	0.94kg (2.1lbs)
INCLUDED ACCESSORIES:	3ft USB cable, bracket set

PRODUCT DIMENSION:	18.75cm x 11.50cm x 2.54cm (7.38" x 4.53" x 1.00") W, D, H
PRODUCT WEIGHT:	0.4kg (0.9lbs) approx
SHIPPING DIMENSION:	34.50cm x 16.50cm x 5.20cm (13.58" x 6.50" x 2.05") W, D, H
SHIPPING WEIGHT:	0.9kg (2.1lbs) approx